

O.K to be entered

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LISTING OF CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Claim 1 (Currently Amended) A digital signal processing system including a first digital signal processing apparatus ~~connected via~~, a predetermined digital bus ~~to~~, and a second digital signal processing apparatus ~~whose data transmission rate can be controlled by other apparatuses on the digital bus~~, wherein the predetermined digital bus supports real-time data transmission for transmitting audiovisual data and asynchronous data transmission for transmitting control data, and a plurality of electronic apparatuses including the first digital signal processing apparatus and the second digital signal processing apparatus are connected to the predetermined digital bus, the first digital signal processing apparatus comprising:

first command generating means for generating a first command for making an inquiry to the second digital signal processing apparatus connected via the predetermined digital bus about a capability of rate control functions of the second digital signal processing apparatus;

second command generating means for generating a second command for rate control of the real-time data transmission of the second digital signal processing apparatus;

first command transmitting means for transmitting the first command to the second digital signal processing